Docket No.: 428,1010

## DECLARATION FOR PATENT APPLICATION- SOLE OR JOINT

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention titled:

OPTICALLY ACTIVE QUINOLINE CARBOXYLIC ACID DERIVATIVES HAVING 7-PYRROLIDINE SUBSTITUTES CAUSING OPTICAL ACTIVITY AND A PROCESS FOR PREPARING THEREOF the specification of which is: (check one) attached hereto; or as Application Serial No. I HEREBY STATE THAT I HAVE REVIEWED AND UNDERSTAND THE CONTENTS OF THE ABOVE-IDENTIFIED SPECIFICATION, INCLUDING THE CLAIMS. I ACKNOWLEDGE THE DUTY TO DISCLOSE INFORMATION WHICH IS MATERIAL TO THE EXAMINATION OF THIS APPLICATION IN ACCORDANCE WITH TITLE 37, CODE OF FEDERAL REGULATIONS, SECTION 1.56(a). I hereby claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for the patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed: Prior Foreign Application(s) Priority Claimed Republic of Korea 05/20/1999 (Day/Month/Year Filed) (Number) (Country) Priority Claimed 2000/24657 Republic of Korea 05/09/2000 (Day/Month/Year Filed) (Number) (Country) Priority Claimed PCT/KR00/00487 05/18/2000 (Day/Month/Year Filed) (Number) (Country) I hereby claim the benefit under 35 U.S.C. Section 119(3) of any United States provisional applications listed below: Priority Claimed (Number) (Day/Month/Year Filed) (Country) I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States applications listed below and, INSOFAR AS THE SUBJECT MATTER OF EACH OF THE CLAIMS OF THIS APPLICATION IS NOT DISCLOSED IN THE PRIOR UNITED STATES APPLICATION IN THE MANNER PROVIDED BY THE FIRST PARAGRAPH OF TITTLE 35, UNITED STATES CODE, SECTION 112, I ACKNOWLEDGE THE DUTY TO DISCLOSE MATERIAL INFORMATION AS DEFINED IN TITLE 37, CODE OF FEDERAL REGULATIONS, SECTION 1.56(a) WHICH OCCURRED BETWEEN THE FILING DATE OF THE PRIOR APPLICATION AND THE NATIONAL OR PCT INTERNATIONAL FILING DATE OF THIS APPLICATION: (Filing Date) (Application Serial Number) (STATUS: Patented, Pending, Abandoned) (Filing Date) (Application Serial Number) (STATUS: Patented, Pending, Abandoned) **POWER OF ATTORNEY** As named inventor, I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected herewith (List name and registration number). Laurence Manber Michael N. Mercanti Richard S. Roberts Sapna Gadhia Nancy A. Bird (Name) (Name) (Name) (Name) (Name)

SEND CORRESPONDENCE TO:

(Registration Number)

Michael N. Mercanti Roberts and Mercanti, L.L.P.

(Registration Number)

35,597

(Registration Number)

(Registration Number)

(Registration Number)

## DECLARATION FOR PATENT APP.

ATION- SOLE OR JOINT (Continued)

Docket No.: 428.1010

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

FULL NAME OF FIRST INVEN	TOR	YOON, Sung, Ju	ne .			
INVENTOR'S SIGNATURE	Sana	June	Woon.	Date	November	9.200
RESIDENCE 1420-11 S	ilim 5-dong, Kwanak-	ku, Seoul 151-015			Truck Street	*
CITIZENSHIP Republic	of Korea					
POST OFFICE ADDRESS	1420-11 Silim 5-doi	ng, Kwanak-ku, Se	oul 151-015 Republic	of Korea		-
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FULL NAME OF SECOND INVI	ENTOR	CHUNG, Yong,	Но			
INVENTOR'S SIGNATURE	Chung	Jung hor		Date	November 9	, 200/
RESIDENCE #301-204 S	Saemmaeul Apt., Hogy	/e-dong, Dongan-g	u, Anyang-si, Kyungg	gi-do 431-0	080 Republic of F	Corea
CITIZENSHIP	of Korea					,
POST OFFICE ADDRESS	#301-204 Saemmaeı	ıl Apt., Hogye-dor	g, Dongan-gu, Anyan	g-si, Kyun	ggi-do 431-080	
	Republic of Korea					
FULL NAME OF THIRD JOINT I	NVENTOR	LEE, Chi, Woo	4.1		·	
INVENTOR'S SIGNATURE	100	do	Don	Date	November	9. 2001
RESIDENCE #207-201 Ki	ijookong Apt., Sanbor	n-dong, Koonpo-si	, Kyunggi-do 435-040	Republic	W	+ · · · /
CITIZENSHIP Republic	of Korea					
POST OFFICE ADDRESS	#207-201 Kujookong	g Apt., Sanbon-dor	g, Koonpo-si, Kyung	gi-do 435-	040 Republic of	Korea
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FULL NAME OF FOURTH JOIN	I INVENTOR	LEE, Jin, Soo				· · · · · · · · · · · · · · · · · · ·
INVENTOR'S SIGNATURE	Lee	1m 800		_ Date /	Vovamber	ן ממי ל
RESIDENCE #304-605 M	lookoongwha-kyungna	am Apt., Hogye-do	ong, Dongan-gu, Anya	ng-si, Kyu	nggi-do 431-080	
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POST OFFICE ADDRESS			t., Hogye-dong, Dong	gan-gu, An	yang-si, Kyunggi	-do
	431-080 Republic of	Korea			•	· .

FULL NAME OF FIFTH INVENTOR  KIM, Nam, Doo  NVENTOR'S SIGNATURE  KIM, Nam, Doo  NVENTOR'S SIGNATURE  KIM, Nam, Doo  Late  ADVanter Q, 20  Late  ADVanter Q, 20  Late  ADVanter Q, 20  Late  ADVanter Q, 20  Late  Late Advanter Q, 20  Residence  FULL NAME OF SIXTH JOINT INVENTOR  SONG, Wan, Jin  SONG, Wan, Jin  BANK JOINT ADVENTOR'S SIGNATURE  FULL NAME OF SIXTH JOINT INVENTOR  SONG, Wan, Jin  SONG, Wan, Jin  BANK JOINT JOINT INVENTOR  SONG, Wan, Jin  Date  Movember P, 2  RESIDENCE  #109-806 Byuksan Apt., 455 Hongeunl-dong, Scodaemoon-ku, Scoul 120-101 Republic of Korea  FULL NAME OF EIGHTH JOINT INVENTOR  REPUBLIC OF Korea  #109-806 Byuksan Apt., 455 Hongeunl-dong, Scodaemoon-ku, Scoul 120-101  KIM, Ik, Hoe  REPUBLIC OF Korea  #109-806 Byuksan Apt., 455 Hongeunl-dong, Jangan-ku, Suwon-si, Kyunggi-do 440-300  REPUBLIC OF Korea  #584-1801 Backsolmaeul-kolong Apt., 870-1 Jungja-dong, Jangan-ku, Suwon-si, Kyunggi-do 440-300  REPUBLIC OF Korea  #584-1801 Backsolmaeul-kolong Apt., 870-1 Jungja-dong, Jangan-ku, Suwon-si, Kyunggi-do 440-300  RESIDENCE  #584-1801 Backsolmaeul-kolong Apt., 870-1 Jungja-dong, Jangan-ku, Suwon-si, Kyunggi-do 440-300 Republic of Korea  #584-1801 Backsolmaeul-kolong Apt., 870-1 Jungja-dong, Jangan-ku, Suwon-si, Kyunggi-do 440-300 Republic of Korea	DECLARATION FOR PAT	ENT APPLICATION- SOLE OR JOINT (Continued) Docket No.: 428.1010
NIVENTOR'S SIGNATURE RESIDENCE RESIDENCE REPUBLIC of Korea  FULL NAME OF SIXTH JOINT INVENTOR RESIDENCE CITIZENSHIP REPUBLIC of Korea  FULL NAME OF SEVENTH INVENTOR  REPUBLIC OF Korea  FULL NAME OF SEVENTH INVENTOR  RESIDENCE  FULL NAME OF SEVENTH INVENTOR  RESIDENCE  #109-806 Byuksan Apt., 455 Hongeunl-dong, Seodaemoon-ku, Seoul 120-101 Republic of Korea  FOST OFFICE ADDRESS  #109-806 Byuksan Apt., 455 Hongeunl-dong, Seodaemoon-ku, Seoul 120-101  Republic of Korea  FULL NAME OF EIGHTH JOINT INVENTOR  RESIDENCE  #109-806 Byuksan Apt., 455 Hongeunl-dong, Seodaemoon-ku, Seoul 120-101  REPUBLIC OF Korea  FULL NAME OF EIGHTH JOINT INVENTOR  KIM, IR, Hoe  FULL NAME OF EIGHTH JOINT INVENTOR  RESIDENCE  #584-1801 Backsolmaeul-kolong Apt., 870-1 Jungja-dong, Jangan-ku, Suwon-si, Kyunggi-do 440-300  Republic of Korea  #584-1801 Backsolmaeul-kolong Apt., 870-1 Jungja-dong, Jangan-ku, Suwon-si, Kyunggi-do 440-300  Republic of Korea		
RESIDENCE  #102-306 Hyundai-1cha Apt., 628 Okryun-dong, Yonsoo-ku, Inchon-si 406-050 Republic of Korea  Republic of Korea  #102-306 Hyundai-1cha Apt., 628 Okryun-dong, Yonsoo-ku, Inchon-si 406-050  Republic of Korea  #102-306 Hyundai-1cha Apt., 628 Okryun-dong, Yonsoo-ku, Inchon-si 406-050  Republic of Korea  #102-306 Hyundai-1cha Apt., 628 Okryun-dong, Yonsoo-ku, Inchon-si 406-050  Republic of Korea  #102-306 Hyundai-1cha Apt., 628 Okryun-dong, Yonsoo-ku, Inchon-si 406-050  ##102-306 Hyundai-1cha Apt., 628 Okryun-dong, Yonsoo-ku, Inchon-si 406-050  ##102-307 Hyundai-1cha Apt., 628 Okryun-dong, Yonsoo-ku, Inchon-si 406-050  ##102-308 Hyundai-1cha Apt., 628 Okryun-dong, Yonsoo-ku, Inchon-si 406-050  ##102-308 Hyundai-1cha Apt., 628 Okryun-dong, Yonsoo-ku, Inchon-si 406-050  ##102-309 Hyundai-1cha Apt., 628 Okryun-dong, Yonsoo-ku, Inchon-si 406-050  ##102-309 Hyundai-1cha Apt., 628 Okryun-dong, Yonsoo-ku, Inchon-si 406-050  ##102-309 Hyundai-1cha Apt., 628 Okryun-dong,	FULL NAME OF FIFTH INVE	NTOR KIM, Nam, Doo
RESIDENCE CITIZENSHIP Republic of Korea POST OFFICE ADDRESS REpublic of Korea POST OFFICE ADDRESS REpublic of Korea  FULL NAME OF SIXTH JOINT INVENTOR INVENTOR'S \$IGNATURE POST OFFICE ADDRESS REpublic of Korea  FULL NAME OF SIXTH JOINT INVENTOR INVENTOR'S \$IGNATURE POST OFFICE ADDRESS RESIDENCE  CITIZENSHIP REPUBLIC of Korea  FULL NAME OF SEVENTH INVENTOR  RESIDENCE RESIDENCE RESIDENCE RESIDENCE RESIDENCE REPUBLIC of Korea  FULL NAME OF SEVENTH INVENTOR  FULL NAME OF SEVENTH INVENTOR  RESIDENCE RESIDENCE RESIDENCE RESIDENCE REPUBLIC of Korea  FULL NAME OF EIGHTH JOINT INVENTOR  KIM, Ik, Hoe  FULL NAME OF EIGHTH JOINT INVENTOR  RESIDENCE RESIDEN	INVENTOR'S SIGNATURE	KIM, Nam, Doo Date November 9,2001
#102-306 Hyundai-1cha Apt., 628 Okryun-dong, Yonsoo-ku, Inchon-si 406-050  Republic of Korea  FULL NAME OF SIXTH JOINT INVENTOR  FULL NAME OF SEVENTH INVENTOR  RESIDENCE  #109-806 Byuksan Apt., 455 Hongeun1-dong, Seodaemoon-ku, Seoul 120-101  Republic of Korea  POST OFFICE ADDRESS  #109-806 Byuksan Apt., 455 Hongeun1-dong, Seodaemoon-ku, Seoul 120-101  Republic of Korea  #109-806 Byuksan Apt., 455 Hongeun1-dong, Seodaemoon-ku, Seoul 120-101  Republic of Korea  #109-806 Byuksan Apt., 455 Hongeun1-dong, Seodaemoon-ku, Seoul 120-101  Republic of Korea  #109-806 Byuksan Apt., 455 Hongeun1-dong, Seodaemoon-ku, Seoul 120-101  Republic of Korea  #109-806 Byuksan Apt., 455 Hongeun1-dong, Seodaemoon-ku, Seoul 120-101  Republic of Korea  #109-806 Byuksan Apt., 455 Hongeun1-dong, Seodaemoon-ku, Seoul 120-101  Republic of Korea  #109-806 Byuksan Apt., 455 Hongeun1-dong, Seodaemoon-ku, Seoul 120-101  Republic of Korea  #109-806 Byuksan Apt., 455 Hongeun1-dong, Seodaemoon-ku, Seoul 120-101  Republic of Korea  #109-806 Byuksan Apt., 455 Hongeun1-dong, Seodaemoon-ku, Seoul 120-101  Republic of Korea  #109-806 Byuksan Apt., 455 Hongeun1-dong, Seodaemoon-ku, Seoul 120-101  Republic of Korea  #109-806 Byuksan Apt., 455 Hongeun1-dong, Seodaemoon-ku, Seoul 120-101  Republic of Korea  #109-806 Byuksan Apt., 455 Hongeun1-dong, Seodaemoon-ku, Seoul 120-101  Republic of Korea  #109-806 Byuksan Apt., 455 Hongeun1-dong, Seodaemoon-ku, Seoul 120-101  Republic of Korea  #109-806 Byuksan Apt., 455 Hongeun1-dong, Seodaemoon-ku, Seoul 120-101  Republic of Korea  #109-806 Byuksan Apt., 455 Hongeun1-dong, Seodaemoon-ku, Seoul 120-101  Republic of Korea  #109-806 Byuksan Apt., 455 Hongeun1-dong, Seodaemoon-ku, Seoul 120-101  Republic of Korea  #109-806 Byuksan Apt., 455 Hongeun1-dong, Seodaemoon-ku, Seoul 120-101  Republic of Korea  #109-806 Byuksan Apt., 455 Hongeun1-dong, Seodaemoon-ku, Seoul 120-101  Republic of Korea  #109-806 Byuksan Apt., 455 Hongeun1-dong, Seodaemoon-ku, Seoul 120-101  Republic of Korea	RESIDENCE #102-306	
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FULL NAME OF SIXTH JOINT INVENTOR  RESIDENCE  Office ADDRESS  FULL NAME OF EIGHTH JOINT INVENTOR  RESIDENCE  #109-806 Byuksan Apt., 455 Hongeun1-dong, Seodaemoon-ku, Seoul 120-101  KIM, Ik, Hoe  FULL NAME OF EIGHTH JOINT INVENTOR  KIM, Ik, Hoe  FULL NAME OF EIGHTH JOINT INVENTOR  RESIDENCE  #884-1801 Backsolmaeul-kolong Apt., 870-1 Jungja-dong, Jangan-ku, Suwon-si, Kyunggi-do  #584-1801 Backsolmaeul-kolong Apt., 870-1 Jungja-dong, Jangan-ku, Suwon-si, Kyunggi-do  #584-1801 Backsolmaeul-kolong Apt., 870-1 Jungja-dong, Jangan-ku, Suwon-si, Kyunggi-do  #584-1801 Backsolmaeul-kolong Apt., 870-1 Jungja-dong, Jangan-ku, Suwon-si, Kyunggi-do	POST OFFICE ADDRESS	#102-306 Hyundai-1cha Apt., 628 Okryun-dong, Yonsoo-ku, Inchon-si 406-050
INVENTOR'S SIGNATURE	· ·	Republic of Korea
INVENTOR'S SIGNATURE  POST OFFICE ADDRESS  Republic of Korea  FULL NAME OF SEVENTH INVENTOR  RESIDENCE  FULL NAME OF EIGHTH JOINT INVENTOR  FULL NAME OF EIGHTH JOINT INVENTOR  FULL NAME OF EIGHTH JOINT INVENTOR  RESIDENCE  FULL NAME OF EIGHTH JOINT INVENTOR  KIM, IR, Hoe  KIM, IR, Hoe  RESIDENCE  #109-806 Byuksan Apt., 455 Hongeun1-dong, Seodaemoon-ku, Seoul 120-101  Republic of Korea  FULL NAME OF EIGHTH JOINT INVENTOR  KIM, IR, Hoe  FULL NAME OF EIGHTH JOINT INVENTOR  KIM, IR, Hoe  RESIDENCE  #584-1801 Backsolmaeul-kolong Apt., 870-1 Jungja-dong, Jangan-ku, Suwon-si, Kyunggi-do 440-300  Republic of Korea  #584-1801 Backsolmaeul-kolong Apt., 870-1 Jungja-dong, Jangan-ku, Suwon-si, Kyunggi-do 440-300  #584-1801 Backsolmaeul-kolong Apt., 870-1 Jungja-dong, Jangan-ku, Suwon-si, Kyunggi-do 440-300  #584-1801 Backsolmaeul-kolong Apt., 870-1 Jungja-dong, Jangan-ku, Suwon-si, Kyunggi-do 440-300  #584-1801 Backsolmaeul-kolong Apt., 870-1 Jungja-dong, Jangan-ku, Suwon-si, Kyunggi-do 440-300  #584-1801 Backsolmaeul-kolong Apt., 870-1 Jungja-dong, Jangan-ku, Suwon-si, Kyunggi-do 440-300  #584-1801 Backsolmaeul-kolong Apt., 870-1 Jungja-dong, Jangan-ku, Suwon-si, Kyunggi-do 440-300  #584-1801 Backsolmaeul-kolong Apt., 870-1 Jungja-dong, Jangan-ku, Suwon-si, Kyunggi-do		
RESIDENCE  OFFICE ADDRESS  Republic of Korea  POST OFFICE ADDRESS  SONG, Wan, Jin  SONG, Wan, Jin  Date November 9,  Residence #109-806 Byuksan Apt, 455 Hongeun1-dong, Seodaemoon-ku, Seoul 120-101 Republic of Korea  CITIZENSHIP Republic of Korea  POST OFFICE ADDRESS  Republic of Korea  FULL NAME OF EIGHTH JOINT INVENTOR  KIM, Ik, Hoe  FULL NAME OF Republic of Korea  #584-1801 Backsolmaeul-kolong Apt., 870-1 Jungja-dong, Jangan-ku, Suwon-si, Kyunggi-do 440-300 Republic of Korea	FULL NAME OF SIXTH JOIN	T INVENTOR
RESIDENCE  OFFICE ADDRESS  Republic of Korea  POST OFFICE ADDRESS  SONG, Wan, Jin  SONG, Wan, Jin  Date November 9,  Residence #109-806 Byuksan Apt, 455 Hongeun1-dong, Seodaemoon-ku, Seoul 120-101 Republic of Korea  CITIZENSHIP Republic of Korea  POST OFFICE ADDRESS  Republic of Korea  FULL NAME OF EIGHTH JOINT INVENTOR  KIM, Ik, Hoe  FULL NAME OF Republic of Korea  #584-1801 Backsolmaeul-kolong Apt., 870-1 Jungja-dong, Jangan-ku, Suwon-si, Kyunggi-do 440-300 Republic of Korea	INVENTOR'S SIGNATURE	Jin, Jan Ho. Date November & 2001
CITIZENSHIP Republic of Korea  POST OFFICE ADDRESS  POST OFFICE ADDRESS  POST OFFICE ADDRESS  PULL NAME OF SEVENTH INVENTOR  SONG, Wan, Jin  FULL NAME OF SEVENTH INVENTOR  INVENTOR'S SIGNATURE  Song Wan Ton Date Wovember 9, 200 Margin of Korea  CITIZENSHIP Republic of Korea  POST OFFICE ADDRESS  Republic of Korea  #109-806 Byuksan Apt., 455 Hongeun 1-dong, Seodaemoon-ku, Seoul 120-101 Republic of Korea  #109-806 Byuksan Apt., 455 Hongeun 1-dong, Seodaemoon-ku, Seoul 120-101  Republic of Korea  KIM, Ik, Hoe  POST OFFICE ADDRESS  REPUBLIC OF Korea  #584-1801 Baeksolmaeul-kolong Apt., 870-1 Jungja-dong, Jangan-ku, Suwon-si, Kyunggi-do 440-300 Republic of Korea  Republic of Korea  #584-1801 Baeksolmaeul-kolong Apt., 870-1 Jungja-dong, Jangan-ku, Suwon-si, Kyunggi-do POST OFFICE ADDRESS  #584-1801 Baeksolmaeul-kolong Apt., 870-1 Jungja-dong, Jangan-ku, Suwon-si, Kyunggi-do POST OFFICE ADDRESS	96-39 Sil	
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FULL NAME OF SEVENTH INVENTOR  INVENTOR'S SIGNATURE  Song Wan, Jin  Date Wovember 9,  RESIDENCE #109-806 Byuksan Apt., 455 Hongeun1-dong, Seodaemoon-ku, Seoul 120-101 Republic of Korea  CITIZENSHIP Republic of Korea  #109-806 Byuksan Apt., 455 Hongeun1-dong, Seodaemoon-ku, Seoul 120-101  Republic of Korea  #109-806 Byuksan Apt., 455 Hongeun1-dong, Seodaemoon-ku, Seoul 120-101  Republic of Korea  KIM, Ik, Hoe  NVENTOR'S SIGNATURE  #584-1801 Backsolmaeul-kolong Apt., 870-1 Jungja-dong, Jangan-ku, Suwon-si, Kyunggi-do 440-300  Republic of Korea  #584-1801 Backsolmaeul-kolong Apt., 870-1 Jungja-dong, Jangan-ku, Suwon-si, Kyunggi-do 440-300  #584-1801 Backsolmaeul-kolong Apt., 870-1 Jungja-dong, Jangan-ku, Suwon-si, Kyunggi-do 440-300  #584-1801 Backsolmaeul-kolong Apt., 870-1 Jungja-dong, Jangan-ku, Suwon-si, Kyunggi-do 440-300  #584-1801 Backsolmaeul-kolong Apt., 870-1 Jungja-dong, Jangan-ku, Suwon-si, Kyunggi-do		
INVENTOR'S SIGNATURE  Som Wan Jin Date November 9,  RESIDENCE #109-806 Byuksan Apt., 455 Hongeun1-dong, Seodaemoon-ku, Seoul 120-101 Republic of Korea  #109-806 Byuksan Apt., 455 Hongeun1-dong, Seodaemoon-ku, Seoul 120-101  Republic of Korea  #109-806 Byuksan Apt., 455 Hongeun1-dong, Seodaemoon-ku, Seoul 120-101  Republic of Korea  #109-806 Byuksan Apt., 455 Hongeun1-dong, Seodaemoon-ku, Seoul 120-101  Republic of Korea  #109-806 Byuksan Apt., 455 Hongeun1-dong, Seodaemoon-ku, Seoul 120-101  Republic of Korea  #584-1801 Backsolmaeul-kolong Apt., 870-1 Jungja-dong, Jangan-ku, Suwon-si, Kyunggi-do 440-300  Republic of Korea  #584-1801 Backsolmaeul-kolong Apt., 870-1 Jungja-dong, Jangan-ku, Suwon-si, Kyunggi-do  #584-1801 Backsolmaeul-kolong Apt., 870-1 Jungja-dong, Jangan-ku, Suwon-si, Kyunggi-do  #584-1801 Backsolmaeul-kolong Apt., 870-1 Jungja-dong, Jangan-ku, Suwon-si, Kyunggi-do	FOST OFFICE ADDRESS	
INVENTOR'S SIGNATURE  Som Wan Jin Date November 9,  RESIDENCE #109-806 Byuksan Apt., 455 Hongeun1-dong, Seodaemoon-ku, Seoul 120-101 Republic of Korea  #109-806 Byuksan Apt., 455 Hongeun1-dong, Seodaemoon-ku, Seoul 120-101  Republic of Korea  #109-806 Byuksan Apt., 455 Hongeun1-dong, Seodaemoon-ku, Seoul 120-101  Republic of Korea  #109-806 Byuksan Apt., 455 Hongeun1-dong, Seodaemoon-ku, Seoul 120-101  Republic of Korea  #109-806 Byuksan Apt., 455 Hongeun1-dong, Seodaemoon-ku, Seoul 120-101  Republic of Korea  #584-1801 Backsolmaeul-kolong Apt., 870-1 Jungja-dong, Jangan-ku, Suwon-si, Kyunggi-do 440-300  Republic of Korea  #584-1801 Backsolmaeul-kolong Apt., 870-1 Jungja-dong, Jangan-ku, Suwon-si, Kyunggi-do  #584-1801 Backsolmaeul-kolong Apt., 870-1 Jungja-dong, Jangan-ku, Suwon-si, Kyunggi-do  #584-1801 Backsolmaeul-kolong Apt., 870-1 Jungja-dong, Jangan-ku, Suwon-si, Kyunggi-do		
INVENTOR'S SIGNATURE  Som Wan Jin Date November 9,  RESIDENCE #109-806 Byuksan Apt., 455 Hongeun1-dong, Seodaemoon-ku, Seoul 120-101 Republic of Korea  #109-806 Byuksan Apt., 455 Hongeun1-dong, Seodaemoon-ku, Seoul 120-101  Republic of Korea  #109-806 Byuksan Apt., 455 Hongeun1-dong, Seodaemoon-ku, Seoul 120-101  Republic of Korea  #109-806 Byuksan Apt., 455 Hongeun1-dong, Seodaemoon-ku, Seoul 120-101  Republic of Korea  #109-806 Byuksan Apt., 455 Hongeun1-dong, Seodaemoon-ku, Seoul 120-101  Republic of Korea  #584-1801 Backsolmaeul-kolong Apt., 870-1 Jungja-dong, Jangan-ku, Suwon-si, Kyunggi-do 440-300  Republic of Korea  #584-1801 Backsolmaeul-kolong Apt., 870-1 Jungja-dong, Jangan-ku, Suwon-si, Kyunggi-do  #584-1801 Backsolmaeul-kolong Apt., 870-1 Jungja-dong, Jangan-ku, Suwon-si, Kyunggi-do  #584-1801 Backsolmaeul-kolong Apt., 870-1 Jungja-dong, Jangan-ku, Suwon-si, Kyunggi-do		
RESIDENCE #109-806 Byuksan Apt., 455 Hongeun1-dong, Seodaemoon-ku, Seoul 120-101 Republic of Korea  CITIZENSHIP Republic of Korea  #109-806 Byuksan Apt., 455 Hongeun1-dong, Seodaemoon-ku, Seoul 120-101  Republic of Korea  #109-806 Byuksan Apt., 455 Hongeun1-dong, Seodaemoon-ku, Seoul 120-101  Republic of Korea  KIM, Ik, Hoe  INVENTOR'S SIGNATURE HM. Ik. Hole Date November 9.200  #584-1801 Backsolmaeul-kolong Apt., 870-1 Jungja-dong, Jangan-ku, Suwon-si, Kyunggi-do 440-300  Republic of Korea  Republic of Korea  #584-1801 Backsolmaeul-kolong Apt., 870-1 Jungja-dong, Jangan-ku, Suwon-si, Kyunggi-do 440-300  Republic of Korea  #584-1801 Backsolmaeul-kolong Apt., 870-1 Jungja-dong, Jangan-ku, Suwon-si, Kyunggi-do	FULL NAME OF SEVENTH IN	VENTOR SONG, Wan, Jin
RESIDENCE #109-806 Byuksan Apt., 455 Hongeun1-dong, Seodaemoon-ku, Seoul 120-101 Republic of Korea  Republic of Korea #109-806 Byuksan Apt., 455 Hongeun1-dong, Seodaemoon-ku, Seoul 120-101  Republic of Korea Republic of Korea  FULL NAME OF EIGHTH JOINT INVENTOR  INVENTOR'S SIGNATURE IJM. Ik. Hole Date November 9, 200  #584-1801 Baeksolmaeul-kolong Apt., 870-1 Jungja-dong, Jangan-ku, Suwon-si, Kyunggi-do 440-300 Republic of Korea  Republic of Korea #584-1801 Baeksolmaeul-kolong Apt., 870-1 Jungja-dong, Jangan-ku, Suwon-si, Kyunggi-do 440-300 Republic of Korea  #584-1801 Baeksolmaeul-kolong Apt., 870-1 Jungja-dong, Jangan-ku, Suwon-si, Kyunggi-do 440-300 Republic of Korea	INVENTOR'S SIGNATURE	Some Wan Jon Date November 9, 200
POST OFFICE ADDRESS  Republic of Korea  #109-806 Byuksan Apt., 455 Hongeun1-dong, Seodaemoon-ku, Seoul 120-101  Republic of Korea  KIM, Ik, Hoe  INVENTOR'S SIGNATURE  #584-1801 Backsolmaeul-kolong Apt., 870-1 Jungja-dong, Jangan-ku, Suwon-si, Kyunggi-do 440-300  Republic of Korea  #584-1801 Backsolmaeul-kolong Apt., 870-1 Jungja-dong, Jangan-ku, Suwon-si, Kyunggi-do 440-300  #584-1801 Backsolmaeul-kolong Apt., 870-1 Jungja-dong, Jangan-ku, Suwon-si, Kyunggi-do 440-300  #584-1801 Backsolmaeul-kolong Apt., 870-1 Jungja-dong, Jangan-ku, Suwon-si, Kyunggi-do 440-300  #584-1801 Backsolmaeul-kolong Apt., 870-1 Jungja-dong, Jangan-ku, Suwon-si, Kyunggi-do	RESIDENCE #100 906	
#109-806 Byuksan Apt., 455 Hongeun1-dong, Seodaemoon-ku, Seoul 120-101  Republic of Korea  **Equation of Korea**    Republic of Korea   KIM, Ik, Hoe	#109-800	Byuksan Apt., 433 Hongeum-dong, Seodaemoon-ku, Seoda 120-101 Republic of Rorea
Republic of Korea  KIM, Ik, Hoe  FULL NAME OF EIGHTH JOINT INVENTOR  INVENTOR'S SIGNATURE  #584-1801 Backsolmaeul-kolong Apt., 870-1 Jungja-dong, Jangan-ku, Suwon-si, Kyunggi-do 440-300  Republic of Korea  CITIZENSHIP  POST OFFICE ADDRESS  Republic of Korea  #584-1801 Backsolmaeul-kolong Apt., 870-1 Jungja-dong, Jangan-ku, Suwon-si, Kyunggi-do	CITIZENSHIP Republi	c of Korea
FULL NAME OF EIGHTH JOINT INVENTOR  INVENTOR'S SIGNATURE  #584-1801 Backsolmaeul-kolong Apt., 870-1 Jungja-dong, Jangan-ku, Suwon-si, Kyunggi-do 440-300  RESIDENCE  Republic of Korea  CITIZENSHIP  #584-1801 Backsolmaeul-kolong Apt., 870-1 Jungja-dong, Jangan-ku, Suwon-si, Kyunggi-do POST OFFICE ADDRESS  #584-1801 Backsolmaeul-kolong Apt., 870-1 Jungja-dong, Jangan-ku, Suwon-si, Kyunggi-do	POST OFFICE ADDRESS	#109-806 Byuksan Apt., 455 Hongeun1-dong, Seodaemoon-ku, Seoul 120-101
FULL NAME OF EIGHTH JOINT INVENTOR  INVENTOR'S SIGNATURE  #584-1801 Backsolmaeul-kolong Apt., 870-1 Jungja-dong, Jangan-ku, Suwon-si, Kyunggi-do 440-300  RESIDENCE  Republic of Korea  CITIZENSHIP  #584-1801 Backsolmaeul-kolong Apt., 870-1 Jungja-dong, Jangan-ku, Suwon-si, Kyunggi-do POST OFFICE ADDRESS  #584-1801 Backsolmaeul-kolong Apt., 870-1 Jungja-dong, Jangan-ku, Suwon-si, Kyunggi-do		Republic of Korea
INVENTOR'S SIGNATURE  #584-1801 Backsolmaeul-kolong Apt., 870-1 Jungja-dong, Jangan-ku, Suwon-si, Kyunggi-do 440-300  RESIDENCE  Republic of Korea  CITIZENSHIP  POST OFFICE ADDRESS  #584-1801 Backsolmaeul-kolong Apt., 870-1 Jungja-dong, Jangan-ku, Suwon-si, Kyunggi-do 4584-1801 Backsolmaeul-kolong Apt., 870-1 Jungja-dong, Jangan-ku, Suwon-si, Kyunggi-do		
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RESIDENCE #584-1801 Backsolmaeul-kolong Apt., 870-1 Jungja-dong, Jangan-ku, Suwon-si, Kyunggi-do 440-300 Republic of Korea  CITIZENSHIP POST OFFICE ADDRESS  #584-1801 Backsolmaeul-kolong Apt., 870-1 Jungja-dong, Jangan-ku, Suwon-si, Kyunggi-do	INVENTOR'S SIGNATURE	MM. IK Had Dota Wasterhan 9 2001
CITIZENSHIP  Republic of Korea  #584-1801 Baeksolmaeul-kolong Apt., 870-1 Jungja-dong, Jangan-ku, Suwon-si, Kyunggi-do POST OFFICE ADDRESS	#584-180	Baeksolmaeul-kolong Apt., 870-1 Jungja-dong, Jangan-ku, Suwon-si, Kyunggi-do 440-300
POST OFFICE ADDRESS #584-1801 Baeksolmaeul-kolong Apt., 870-1 Jungja-dong, Jangan-ku, Suwon-si, Kyunggi-do	Republic	
		#584-1801 Baeksolmaeul-kolong Apt., 870-1 Jungja-dong, Jangan-ku, Suwon-si, Kyunggi-do
	PUST OFFICE ADDRESS	440-300 Republic of Korea
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	VENTOR	YANG, Wang, Yong		. •
INVENTOR'S SIGNATUR	E Your	- Wen Jon	Date November	9.200
RESIDENCE 427-25	Anyang 6-dong, Mahan	ı-ku, Anyang-si, Kyunggi-do 430-016 R		
CITIZENSHIP Repu	ublic of Korea		Ta Or	
POST OFFICE ADDRESS	427-25 Anyang 6-0	dong, Manan-ku, Anyang-si, Kyunggi-c	lo 430-016 Republic of Kor	ea
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FULL NAME OF TENTH JO	OINT INVENTOR	CHOI, Dong, Rack		*
FULL NAME OF TENTITY	DIVINVENTOR D		11 0	
INVENTOR'S SIGNATURE	1 -2/	Choi		. 2001
#818-2 RESIDENCE	2405 Suri-hanyang Apt.,	1151-5 Sanbon-dong, Koonpo-si, Kyun	iggi-do 435-040 Republic of	Korea
Repu	blic of Korea			
CITIZENSITIF	#818-2405 Suri-ha	nyang Apt., 1151-5 Sanbon-dong, Koon	npo-si. Kyunggi-do 435-040	)
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		CUDI Ivan Han		====
FULL NAME OF ELEVENT	TH INVENTOR	SHIN, Jung, Han		
		SHIN, Jung, Han	Date Vlou 9	2nol
INVENTOR'S SIGNATURE #5-502	J.H.	SHIN, Jung, Han  SHIN  17-7 Maetan4-dong, Suwon-si, Kyungg	NVV.	200 orea
INVENTOR'S SIGNATURE	J.H.	SHIN	NVV.	
INVENTOR'S SIGNATURE #5-502 RESIDENCE	Samsung-3cha Apt., 121	SHIN	NVV.	
INVENTOR'S SIGNATURE #5-502 RESIDENCE CITIZENSHIP Repu	Samsung-3cha Apt., 121	SHIN	i-do 442-374 Republic of K	
INVENTOR'S SIGNATURE #5-502 RESIDENCE	Samsung-3cha Apt., 121	SHIN 17-7 Maetan4-dong, Suwon-si, Kyungg	i-do 442-374 Republic of K	
INVENTOR'S SIGNATURE #5-502 RESIDENCE CITIZENSHIP Repu	Samsung-3cha Apt., 121	SHIN 17-7 Maetan4-dong, Suwon-si, Kyungg	i-do 442-374 Republic of K	
INVENTOR'S SIGNATURE #5-502 RESIDENCE CITIZENSHIP Repu	Samsung-3cha Apt., 121 blic of Korea #5-502 Samsung-3ch	SHIN 17-7 Maetan4-dong, Suwon-si, Kyungg	i-do 442-374 Republic of K	
INVENTOR'S SIGNATURE #5-502 RESIDENCE CITIZENSHIP Repu	Samsung-3cha Apt., 121 blic of Korea #5-502 Samsung-3ch	SHIN 17-7 Maetan4-dong, Suwon-si, Kyungg	i-do 442-374 Republic of K	
INVENTOR'S SIGNATURE #5-502 RESIDENCE CITIZENSHIP Repu	Samsung-3cha Apt., 121 blic of Korea #5-502 Samsung-3cha Republic of Korea	SHIN 17-7 Maetan4-dong, Suwon-si, Kyungg	i-do 442-374 Republic of K	
INVENTOR'S SIGNATURE RESIDENCE  CITIZENSHIP  POST OFFICE ADDRESS	Samsung-3cha Apt., 121 blic of Korea #5-502 Samsung-3c Republic of Korea	SHIN 17-7 Maetan4-dong, Suwon-si, Kyungg	i-do 442-374 Republic of K	
INVENTOR'S SIGNATURE  RESIDENCE  CITIZENSHIP  POST OFFICE ADDRESS  FULL NAME OF TWELTH  INVENTOR'S SIGNATURE	Samsung-3cha Apt., 121 blic of Korea #5-502 Samsung-3c Republic of Korea	SHIN 17-7 Maetan4-dong, Suwon-si, Kyungg	i-do 442-374 Republic of K	
INVENTOR'S SIGNATURE RESIDENCE CITIZENSHIP POST OFFICE ADDRESS FULL NAME OF TWELTH	Samsung-3cha Apt., 121 blic of Korea #5-502 Samsung-3c Republic of Korea	SHIN 17-7 Maetan4-dong, Suwon-si, Kyungg	i-do 442-374 Republic of K	
INVENTOR'S SIGNATURE  RESIDENCE  CITIZENSHIP  POST OFFICE ADDRESS  FULL NAME OF TWELTH  INVENTOR'S SIGNATURE	Samsung-3cha Apt., 121 blic of Korea #5-502 Samsung-3c Republic of Korea	SHIN 17-7 Maetan4-dong, Suwon-si, Kyungg	i-do 442-374 Republic of K	

Docket No.: 428.1010

DECLARATION FOR PATENT APPLICATION- SOLE OR JOINT (Continued)